

**INTERPRETATION IC 90.1-2013-3 OF
ANSI/ASHRAE/IES STANDARD 90.1-2013
Energy Standard for Buildings Except Low-Rise Residential Buildings**

Date Approved: October 18, 2014

Request from: Bernard Emby (bernard.emby@tricklestar.com), TrickleStar, 2711 Centerville Road, Suite 400, Wilmington, DE 19808.

Reference: This request for interpretation refers to the requirements presented in ANSI/ASHRAE/IES Standard 90.1-2013, Section 8.4.2, relating to automatic receptacle control.

Background: The last line of Section 8.4.2 states: “Plug-in devices shall not be used to comply with Section 8.4.2.”

We produce a UL approved wall tap that can be permanently fixed to a receptacle by way of a tamper proof, fastening screw. We believe the approach of using a specialized security fixing screw makes the wall tap a fixed and permanent part of the building infrastructure that a standard user cannot remove and complies with the spirit / intent of Section 8.4.2. The wall tap can add a range of functionality including surge protection, power metering and control to the receptacle as outlined in 8.4.2



We believe the intent of 8.4.2 is to exclude relocatable powerstrips and plug-in modules. However with the secure fixing screw our product is not portable. It is neither a powerstrip nor a receptacle, but appears to satisfy the requirement of “permanency”.

Interpretation: A UL safety approved powertap, with the required markings that is fixed to a receptacle by way of a tamper proof security fixing screw, is an acceptable solution for providing receptacle control as outlined in ASHRAE/IES Standard 90.1-2013, Section 8.4.2.

Question: Is this interpretation correct?

Answer: No

Comments: This is a plug-in device and does not meet the requirements in the standard.